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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/721,524	0/721,524 11/25/2003		Richard A. Blanchard	03-C-040 (850063.602)	5333	
30423	7590	08/24/2005		EXAMINER		
		ONICS, INC.	ERDEM, FAZLI			
MAIL STAT				ART UNIT	PAPER NUMBER	
CARROLL'	ON, TX 75006			2826		
				DATE MAIL ED: 08/24/200	DATE MAIL ED: 08/24/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

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		ication No.	Applicant(s)					
		21,524	BLANCHARD ET AL.					
Office Action Summa	y Exam	niner	Art Unit					
	Fazli	Erdem	2826					
The MAILING DATE of this con Period for Reply	nmunication appears o	n the cover sheet with the c	orrespondence ad	ddress				
A SHORTENED STATUTORY PERIOD THE MAILING DATE OF THIS COMI - Extensions of time may be available under the proafter SIX (6) MONTHS from the mailing date of thi - If the period for reply specified above, the maximum of the proafter silver to reply within the set or extended period for the Any reply received by the Office later than three mearned patent term adjustment. See 37 CFR 1.70	MUNICATION. visions of 37 CFR 1.136(a). In s communication. hirty (30) days, a reply within th num statutory period will apply or reply will, by statute, cause th onths after the mailing date of	no event, however, may a reply be time statutory minimum of thirty (30) day and will expire SIX (6) MONTHS from a application to become ABANDONE	nely filed s will be considered time the mailing date of this o D (35 U.S.C. § 133).					
Status								
1) Responsive to communication	s) filed on <i>05 Auaust</i> :	2005.		•				
2a)☐ This action is FINAL.	2b)⊠ This action							
3) Since this application is in cond	, 							
Disposition of Claims								
4a) Of the above claim(s)	Claim(s) 13-27,34-47 and 50-52 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. Claim(s) 13-27 and 34-47 is/are allowed. Claim(s) 50 is/are rejected. Claim(s) 51 and 52 is/are objected to. Claim(s) are subject to restriction and/or election requirement.							
Application Papers								
9)☐ The specification is objected to	by the Examiner.							
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.								
Applicant may not request that any	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11)☐ The oath or declaration is object	ted to by the Examine	er. Note the attached Office	Action or form P	TO-152.				
Priority under 35 U.S.C. § 119								
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachment(s)								
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Rev	iew (PTO-948)	4) Interview Summary Paper No(s)/Mail Da						
3) Information Disclosure Statement(s) (PTO-1- Paper No(s)/Mail Date		5) Notice of Informal P 6) Other:		O-152)				

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DETAILED ACTION

Allowable Subject Matter

- 1. Claims 13-27 and 34-47 allowed.
- 2. Claims 51 and 52 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejections - 35 USC § 103

- 3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4. Claims 50 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaw et al. (5,610,335) in view of Shaw et al. (5,847,454).

Regarding Claims 50, Shaw et al. '335 disclose a microelectromechancial lateral accelerometer where in Fig. 17, cantilever type beam 380 is disposed inside trench 410 with insulating layer 403, and conductive plates 404 and 406. Beam is connected to substrate 390 on one portion with connector 396. The second portion of the beam is spaced apart from the walls of the trench 411. Shaw et al. '335 fail to specifically disclose that one portion of the beam is movable and the other portion is fixed/attached/connected to the substrate and the detection structure. However, Shaw et al. '454 disclose electrically-isolated released microstructures where in Claim 1, Shaw et

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al. disclose a beam with one portion interconnected and one portion movable.

Furthermore, claim 23 of Shaw et al. '454 discloses the detection structure. ...

NATHAN J. FLYNO

It would have been obvious to one of having ordinary skill in the as URE IN COME PATENT

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the invention was made to include the required movable and connected portions of the

cantilever beam and the required detection structure in Shaw et al. '335 as taught by

Shaw et al. '454, in order to have a semiconductor device with more functionality.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fazli Erdem whose telephone number is (571) 272-1914. The examiner can normally be reached on M - F 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).